

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
 required to respond to a collection of information unless it contains a valid OMB

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitution for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Compleat if Known</b>	
Application Number					
Filing Date					
First Named Inventor				Graham HAWKES	
Art Unit					
Examiner Name					
Attorney Docket Number				272-2	

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code <sup>2</sup> (if known)			
<i>TC</i>		us- D196,087	08-20-1963	Edmond Armstrong et al.	
<i>TC</i>		us- D230,893	03-19-1974	Antone Arruda	
<i>TC</i>		us- D399,183	10-06-1998	Theodore Joseph Ciamillo	
<i>TC</i>		us- D475,964	06-17-2003	Alex Sakas	
<i>TC</i>		us- 1,286,679	12-03-1918	Felix Longobardi	
<i>TC</i>		us- 1,421,369	07-04-1922	Joseph Ardo	
<i>TC</i>		us- 3,082,975	03-26-1963	Dick Cardwell et al.	
<i>TC</i>		us- 3,257,982	06-28-1996	Charles R. Meldrum	
<i>TC</i>		us- 3,416,478	12-17-1968	Wesley K. Markham	
<i>TC</i>		us- 3,650,234	03-21-1972	Clarence H. Goudy	
<i>TC</i>		us- 4,577,583	03-25-1986	John G. Green	
<i>TC</i>		us- 4,579,297	04-01-1986	Joseph N. Avoola	
<i>TC</i>		us- 5,237,952	08-24-1993	Thomas Rowe	
<i>TC</i>		us- 5,373,800	12-20-1994	Amiram Steinberg	
<i>TC</i>		us- 5,673,645	10-07-1997	Promode R. Bandyopadhyay	
<i>TC</i>		us- 5,704,309	01-06-1998	William Kohnen	
<i>TC</i>		us- 5,939,665	08-17-1999	Promodo R. Banyopadhyay	
<i>TC</i>		us- 6,276,294	08-21-2001	Marc Geriene et al.	
<i>TC</i>		us- 6,321,676	11-27-2001	William Kohnen et al.	
<i>TC</i>		us- 6,371,041	04-16-2002	C. Clifford Ness	

[illegible]

Examiner Signature	<i>Lars Olson</i>	Date Considered	12/1/04
-----------------------	-------------------	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

compliance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

**Best Available Copy**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<b>Compleat if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				Application Number	
				Filing Date	
				First Named Inventor	Graham HAWKES
				Art Unit	
				Examiner Name	
Sheet	2	of	3	Attorney Docket Number	272-2

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
<i>JS</i>		JP-63-279997	11-17-1988	Fujimura Tadamasu	Abstr. Trans	<input checked="" type="checkbox"/>
<i>JS</i>		JP-06-040386	02-15-1994	Kamegawa Makoto	Abstr. Trans	<input checked="" type="checkbox"/>
<i>JS</i>		JP-05-050986	03-02-1993	Koshizawa Ryosuke	Abstr. Trans	<input checked="" type="checkbox"/>
<i>JS</i>		JP-62-023895	01-31-1987	Ura Tamaki et al.	Abstr. Trans	<input checked="" type="checkbox"/>
<i>JS</i>		JP-62-023894	01-31-1987	Ura Tamaki et al.	Abstr. Trans	<input checked="" type="checkbox"/>
<i>JS</i>		DE-197-30-092	1-28-1999	Jorg Kalwa		

Examiner Signature	<i>Lars Olson</i>	Date Considered	12/1/04
-----------------------	-------------------	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	
		Filing Date	
		First Named Inventor	Graham HAWKES
		Group Art Unit	
		Examiner Name	
Sheet 3 of 3	Attorney Docket Number	272-2	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
ts		MIKE OSBORNE, U-Plane- A Lost Opportunity, New Innovative Concept, Engineering Designer, July/August 2000, 4 pages	
ts		GEORGE KITTREDGE, Kittredge K-250 Conceptual Drawing, Internet: <a href="http://www.psubs.org/store/subplans/kittredge/k250.html">www.psubs.org/store/subplans/kittredge/k250.html</a> , 1 page	
ts		KENT MARKHAM, Do It Yourself Construction Plans, The Delta Wing Submarine, Internet: <a href="http://www.scubatow.com/flash/main.asp">www.scubatow.com/flash/main.asp</a> , 2 pages	
ts		KENT MARKHAM, Do It Yourself Construction Plans, The Silent Runner 2 (2 man sub), Internet: <a href="http://www.scubatow.com/flash/main.asp">www.scubatow.com/flash/main.asp</a> , 2 pages	
ts		Innespace, Redding CA, Internet: <a href="http://www.innespace.com">www.innespace.com</a> , 2 pages	
ts		Aquarius, Subeo Ltd., Essex, England, Internet: <a href="http://www.subeo.com/pdf/brochure_aqu.pdf">www.subeo.com/pdf/brochure_aqu.pdf</a> , 2 pages	
ts		About Subeo, Subeo Ltd., Essex England, Internet: <a href="http://www.subeo.com/inside.htm">www.subeo.com/inside.htm</a> , 3 pages	

Examiner Signature	<i>Lars Olson</i>	Date Considered	12/1/04
--------------------	-------------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.